

Antibody Expression Enhancer for Adherent cells

CATALOG NO: ABEHA5

DESCRIPTION

Antibody Expression Enhancer (ABEH) for Adherent Cells is designed to enhance antibody expression and cell growth in the mammalian cells. ABEH is serum-based supplement designed to provide optimal nutrients and expression enhancement factors to a variety of cell lines during antibody expression. The enhancer is fully formulated to meet high yield and high-quality antibody production through the optimization of cell growth metabolism and maximizing target antibody productivity.

In general, the antibody production supplied with ABEH can achieve significantly higher antibody yield compared to other common media.

FEATURES:

- Dramatically boost antibody productivity.
- Dramatically increase cell growth and viability.
- Compatible with most media formulations
- Add serum for maximized cell growth

CONCENTRATION: 2.5X CONCENTRATED

SIZE: 250 mL

Storage: Store at 2-8 °C for 12 months

RECOMMENDED APPLICATION

ABEH aids in mammalian cell culture-based recombinant antibody production applications by feeding concentrated nutrients and expression enhancement factors into cell culture throughout mid-culture phase. In general, ABEH is beneficial to any mammalian cell-based antibody expression. The final supplement amount of ABEH is 0.5 - 1X in the culture; alternatively an optimal volume may vary based on cell line, expression level, basal media and culture mode employed.

- 1) For transient transfection expression, we suggest starting ABEH feed one day after transfection by one-time feed or multiple-time feed up to two days before the culture end, or at designated culture times. The final feed volume should be 1X in the culture for high expression antibody production, or 0.5X in the culture for low expression antibody production, or an optimized volume in the culture for a specific antibody expression.
- 2) For stable cell line expression, ABEH feed starts when the cell density in the culture reaches 70% confluent by one-time feed or multiple-time feed up to two days before the culture end, or at designated culture times. The final feed volume should be 1X in the culture for high expression antibody production, or 0.5X in the culture for low expression antibody production, or an optimized volume in the culture for a specific antibody expression.

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